Mountain Weather Forecast

Snowdonia National Park

Forecast valid from 06:00 on Saturday 23 Jan 2021 until 23:59 on Sunday 24 Jan 2021

Forecast Issued on Saturday 23 Jan 2021 at 00:12

Confidence: High for cold, showery conditions Saturday and Monday but low for northward extent of cloud and snow on Sunday. High too for a change to milder conditions from Tuesday, although timings of this uncertain at the moment.

Headline for Saturday 23 Jan 2021: Sunny spells and, especially in north and west, occasional snow showers. Cold

Mountain weather hazards on Saturday 23 Jan 2021

Blizzards No Likelihood	**Heavy Snow** Low Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** High Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy snow showers (night)	Heavy snow showers	Heavy snow showers	Light snow showers	Partly cloudy (night)	Clear night
Precipitation probability					
60%	60%	40%	30%	10%	00%

Forecast for Saturday 23 Jan 2021

Weather: Clear with freezing fog in some valleys, this slow to lift and disperse today. Then sunny spells with occasional snow showers, the showers mainly reaching northern and western areas where they may be heavy at times. The best of the sunshine will be across more eastern hills. Lying snow may drift over higher summits. Snow glare is likely off the snow pack during the sunny spells. This evening becoming dry, clear and frosty.

Chance of cloud free mountain/hill tops above 800m: Around 25% over northern and western hills but nearer 75% in the south and east. Becoming 100% this evening across all of Snowdonia.

Visibility: Periods of cloud above 600m expected across the north and west, but cloud more occasional across the south and east. Away from cloud, very good or excellent with good panoramic views of surrounding snow covered hills, falling to a kilometre or less at times in snow showers. Glare off lying snow expected.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Saturday 23 Jan 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	20/23 NW	22/27 NW	18/25 NW	19/25 NW	15/19 NW	12/14 SW	15/19 SW
600	13/17 NW	11/16 NW	14/20 W	12/18 NW	8/11 NW	8/11 SW	10/14 S
300	8/14 NW	6/13 NW	9/16 W	8/15 NW	3/7 W	4/7 SW	6/11 S
Valley	8/15 NW	7/14 NW	9/16 W	8/16 NW	4/9 W	5/9 SW	7/12 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-4/-11	-5/-13	-4/-12	-4/-11	-5/-11	-5/-10	-5/-11
600	-2/-8	-2/-8	-2/-8	-2/-7	-2/-7	-2/-7	-3/-8
300	-0/-5	-1/-4	0/-4	1/-3	-1/-3	-1/-3	-1/-4
Valley	0/-3	1/-3	1/-3	2/-1	1/-1	0/-2	0/-3
Freezing Level*	200m	100m	200m	200m	100m	00m	00m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Widespread valley frosts at first and again this evening, temperatures down to minus 2 or 3 Celsius.

Forecast for Sunday 24 Jan 2021

Weather: Dry and clear at first, but cloud will soon arrive. Late in the night outbreaks of snow may arrive across the far south and west of Snowdonia, and through the morning they are expected to edge northeastwards. The snow is likely to be heavy at times. Through the evening dry and clearer conditions will reach spread south, allowing a widespread frost to develop.

Maximum wind: Southwesterly winds 10mph backing Southeasterly 15 mph through morning then northwesterly 10 mph through afternoon.

Chance of cloud free mountain/hill tops above 800m: 100% decreasing 20% with the outbreaks of snow, then improving to 70% from the north through the evening.

Visibility: Periods or persistent cloud above 600m developing through the morning, then gradually becoming more occasional through the evening. Away from cloud, very good falling to just one or two kilometres in snow.

Temperature: **Valleys:** Falling to minus 2 or 3 Celsius overnight then rising briefly to plus 3 Celsius around midday.
At 800m: Around minus 4 Celsius
Freezing level: Below 300m but rising to 450m for a time across the south around the middle of the day.

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Mountain Weather Forecast

Ground Conditions Supplement
Area - Snowdon
Date - 22 January 2021
Time - 11.30am
Snow Above - 500 metres
Report By - Snowdon Warden

Route Taken
Llanberis path

Conditions
Depth of snow increases with altitude.
Paths difficult to follow.
Steep bank of snow at top of path.
Sections of ice on paths.
Freezing level varies but starts from approx 600metres. The top of the PYG track has a steep bank of snow which requires crampons and ice axe to travel safely.
Essential Kit
The following is a list of additional kit required based on the current conditions.

Standard winter kit required.
Ice axe and crampons recommended.

Issued at: 00:12 on Sat 23 Jan 2021

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